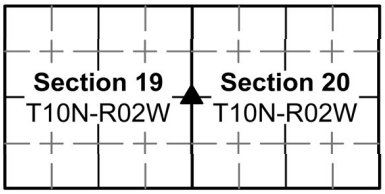
MONUMENT RECORD

Corner ID: **BeBI_E15**

Quarter Corner

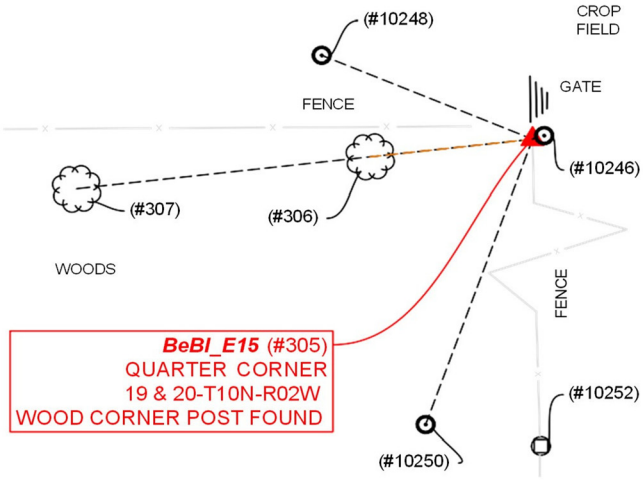
Sections 19 & 20- T10N-R02W, 2nd P.M.

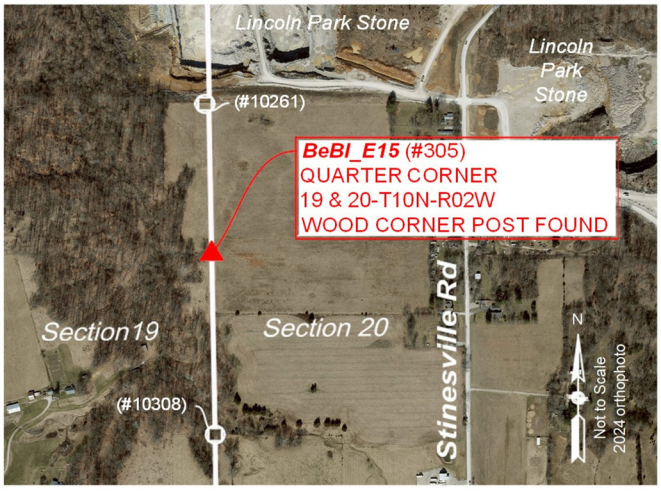
Bean Blossom Township, Monroe County, Indiana



MONUMENT: *Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)* (#305) Wood Railroad tie post in concrete, at the corner of South and West bound fence lines. The west bound fence line begins with a gate attached to the post. The post has a Bynum Fanyo PLS capped rebar near its Northeast base.

MONUMENT LOCATION SKETCH:





WITNESS MONUMENT TIES: *Describe at least three new BT's (Bearing Trees) and/or witness objects established or work done to preserve existing evidence. BT diameters are noted as dbh (diameter at breast height) and are measured approximately 4.5' above ground. Bearings and Distances are measured from the monument to the center of the BT. Bearings and Distances to witness ties were measured with* a Sokkia Set 510 Total Station.

ID	*Bearing*	*Distance*	*Description*
(#306)	S83° 29'W	43.1'	25" diameter Shagbark Hickory tree.
(#307)	S83° 31'W	121.0'	15" diameter Shagbark Hickory tree.
(10252)	S01° 10'E	333.7'	Wood corner post at north-south & east fence corner.
(#10308)	S01° 03'E	999.0'	South base of Limestone post at east-west & north fence corner.

MONUMENT ACCESSORIES

Other survey grade monuments that were located in the vicinity and their relation to the monument. Witnesses noted as a Rebar Lite are a 5/8" diameter by 16" polycarbonate rod with a 1-1/2" mag nail in top and yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set 0.1 foot below grade unless otherwise noted.

Geodetic coordinates in this table are provided in the format Northing, Easting

(#10246)	N64° 57' 43"E	0.71'	N:1471981.0504' E:3070325.5482' Bynum Fanyo PLS capped rebar found 1.3' above ground (bottom of rebar is on concrete around post)
(#10248)	N67° 23' 07"W	60.23'	N:1472003.9112' E:3070269.3077' Rebar Lite
(#10250)	S19° 43' 10"W	83.55'	N:1471902.1005' E:3070296.7158' Rebar Lite
(#10261)	N02° 28' 48"W	824.83'	N:1472804.8128" E:3070289.2160' 5/8" rebar found 0.4' below ground at North edge of crop field.

OFFICE OF THE MONROE COUNTY SURVEYOR • Trohn Enright-Randolph
501 N Morton Street Ste 205, Bloomington, IN 47404 • 812-349-2570 • surveyorsoffice@co.monroe.in.us

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Bean Blossom Township, Monroe County, Indiana

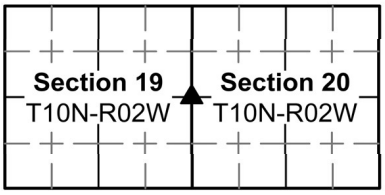

PHOTO IDENTIFIED: *Photo Date:* 01/30/2025

Photo Orientation & Description: From Northeast looking

Photo Orientation & Description: From North looking South Southwest

EXISTING SURVEY HISTORY *Include as much detail and history of the corner as known at the time of perpetuation*

ORIGINAL GOVERNMENT SURVEY:

Year Surveyed: 1815 *By:* William Harris Deputy Surveyor

Where filed or recorded: Monroe County Original notes page 262.

Original monument: Post

Bearing Trees or Reference Monuments:

Species	*Dia.*	*Bearing*	*Distance*
Beech	14”	S60°W	20 Links
Beech	15”	N89°E	43 Links

Notes:

SUBSEQUENT CORNER RESTORATION:

None found in Legal survey books.

OTHER SURVEY HISTORY: *Include details such as surveyor name, date, recording info, monument description, etc.*

Date	*RSID*	*Surveyor*	*Description*	*File Location*
8/5/1991	RSID005618	Bledsoe, Ben E.	Hoosier Calcium Boundary Survey	
8/25/2015	RSID004756	Deckard, Eric Lee	A Boundary Survey for John Steckling of Indiana Quarries and Carvers.	2015014055.IN
3/2/2023	RSID005128	Graham, Charles D	"Walden Farm Type ""E"" Administrative Subdivision"	2023003911.IN

ORIGINAL OR SUBSEQUENT SURVEY EVIDENCE FOUND BY THE MONROE COUNTY SURVEYORS OFFICE: *Include, search area or areas, search procedure, etc.*

Date of Field work/Search: 1/30/25, 2/12/25 & 3/10/25 *By:* MES/JMG. *Monument Found:* Wood corner post and BFE capped rebar *BTs or Reference Objects Found:* No, but references established Project #: 24-004 Field *Book:* 57, pages 59,65 & 75.

OTHER EVIDENCE: *Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.*

We accessed the corner by walking (driving once when dry) across a crop field from its farm entrance which is off a quarry lane to Lincoln Park Stone LLC Quarry at 8351 North Stinesville Road, Gosport In. The post is at the corner of South and West fences.

MONUMENT PRESERVATION: *Describe work done to preserve existing monument.*

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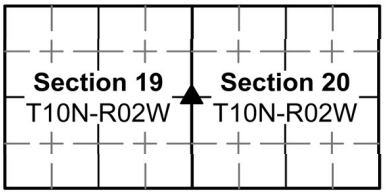

State Plane coordinates were established on the Post. A Monroe County Survey Marker survey marker sign was nailed to the East side of the Post facing East. 2 Rebar Lites were set within sight of the post that could be used to reestablish its location should it become obliterated. Additionally, a rebar was located and referenced ±825' North of the post. 2 trees were located within sight of the post to aid in visual aid in finding it. 2 other corner posts were located to verify its location relative to historical occupation lines in the area.

THEORY OF LOCATION: *Describe the theory of location for acceptance of this monument. Include monument origin and associated uncertainty.* The post was found. The Graham survey in RSID005128 cites the Bynum Fanyo capped rebar that was found 0.7' from the center of the post as marking the corner. Said survey contains no report to explain a theory of location for this finding. I contacted Charles D Graham PLS, who signed the survey, by email on 02/14/2025 and again on 02/28/2025 asking if he could provide a surveyor's report for his survey or at least give me an explanation of why he set the rebar over holding the existing post. My correspondence was never returned. I can see no logical reason to accept the rebar set in 2023 over the long-standing occupation corner post. The Bledsoe survey in RSID005618 cites setting a rebar significantly West of the corner post. We Looked for this rebar and found its location would have been in an old pile of tires. I have suspicions Mr. Bledsoe did not actually visit this location and calculated his location based on a yard fence that he thought was a Section line fence in the vicinity of the Section corner to the South as will be discussed in the BeBl_E17 reference card. The post found at BeBl_E15 is ±4.3' East of a straight line from the stone a half mile North (BeBl_E13) to a limestone post a half mile South, that was held for alignment of the Section line (see BeBl_E17) and 4.3' South of an equidistant split between said stone at BeBl_E13 and the Mag Spike set at BeBl_E17. Deed distances would place the parcel corner near the corner post (#10252) located 333.7' South of the post found at BeBl_E15 at 20 rods (330'). For these reasons, it is my opinion that the maximum uncertainty associated with the location of the post found at BeBl_E15 is 4.3' north-south and 4.3' east-west.

GEODETIC COORDINATES: *Northing:*1471980.8' *Easting:* 3070324.9'

BASIS OF GEODETIC COORDINATES:

The basis of bearings is Grid North NAD83(2011), Indiana West Zone, Epoch 2010.0000, Geoid Model G2012BU7, Datum NAD83_NO_TRANS, US Survey Feet, derived from GPS observations utilizing the Indiana Real-Time Network (INCORS). Coordinate data was collected with a Javad Triumph LS Network Rover and/or with a Sokkia Set 510 Total Station radially from points located with GPS. Distances obtained with GPS have not been adjusted to ground. To adjust grid distances to ground distances multiply them by a scale factor of 1.000047215.

This document is not complete without the associated Corner Perpetuation plat and report of survey for Section 19 or 20 Township 10 North Range 2 West by Michael E. Sheppard of the Monroe County Surveyor's Office.

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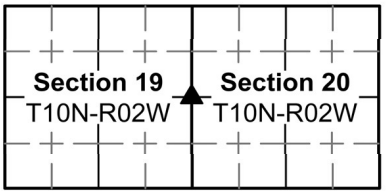

CERTIFICATIONS:

Date: 05/14/2025

Michael E. Sheppard

State of Indiana

Professional Surveyor

No. 20100021

Date: 05/14/2025

Trohn Enright-Randolph

Monroe County Surveyor

Accepted by the Monroe County Surveyor Review Board on 05/14/2025